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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:  
Windsor et al.

Serial No.: 10/047,251

Filed: January 14, 2002

For: GENETIC AND EPIGENETIC MANIPULATION  
OF ABC TRANSPORTERS AND ECTO-  
PHOSPHATASES FOR THE CONFERENCE  
OF DRUG RESISTANCE AND FOR THE  
LOSS OF DRUG RESISTANCE IN  
BIOLOGICAL SYSTEMS AND METHODS  
FOR THE DETECTION OF ECTO-  
PHOSPHATASE INHIBITORS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: TEXG:003USD1/REH

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CERTIFICATE OF MAILING 37 C.F.R 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date below:	
March 5, 2002	
Date	Robert E. Hanson

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R. §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Fulbright & Jaworski Deposit Account No.: 50-1212/10110234/REH.

This application is a divisional application of Serial No. 09/261,825, filed March 3, 1999, and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) copies of the listed documents are not enclosed as they have been previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/261,825.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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Date: March 5, 2002

Form PTO-1449 (modified)

Atty. Docket No.  
TEXG:003USD1/REHSerial No.  
10/047,251

## List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant  
J. Brian Windsor et al.Filing Date:  
January 14, 2002Group:  
UnknownU.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
See Page 1

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	DD 236944-A	June, 1986	DD			

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

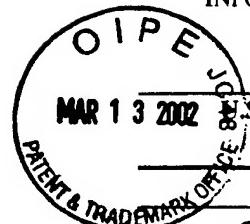
Exam. Init.	Ref. Des.	Citation
	C1	Abraham <i>et al.</i> , Proceedings of American Association of Cancer Research (abstract) #2575
	C2	Abraham <i>et al.</i> , <i>Proc. Natl. Acad. Sci.</i> , 90:312-316, 1993.
	C3	Abraham <i>et al.</i> , <i>Science</i> , 275:1324-1326, 1997.
	C4	Al-Awqati, <i>Science</i> , 269:805-806, 1995.
	C5	Boyum and Guidotti, <i>Biochem. And Biophys. Res. Comm.</i> , 230:22-26, 1997.
	C6	Chen <i>et al.</i> , "Inhibition of ecto-ATPase by PPADS, suramin and reactive blue in endothelial cells, C6 glioma cells and RAW 264.7 macrophages," <i>Br. J. Pharmacol.</i> , 119:1628-1634, 1996.
	C7	ChandraRajan <i>et al.</i> , "Determination of inorganic phosphorus in the presence of organic phosphorus and high concentrations of proteins," <i>Anal. Biochem.</i> , 72:407-412, 1976.
	C8	Gleeson <i>et al.</i> , "Ecto-ATPase/phosphatase activity in the olfactory sensilla of the spiny lobster, Panulius argus: Localization and characterization," <i>Cell Tiss. Res.</i> , 269:439-445, 1992.
	C9	Huang <i>et al.</i> , <i>Biochem. Biophys. Res. Commun.</i> , 182:836-843, 1992.
	C10	Kearney <i>et al.</i> , <i>Org. Chem.</i> , 63:196-200, 1998.
	C11	Pearson J. D., "Ectonucleotidases, measurement of activities and use of inhibitors," <i>Methods in Pharmacology</i> , Ed. David M. Paton, Plenum Press, Vol. 6, pp. 83-107, 1985.
	C12	Medina <i>et al.</i> , <i>Biorg. Med. Chem. Lett.</i> , 8:2653-2656, 1998.

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EXAMINER:

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



Form PTO-1449 (modified)		Atty. Docket No. TEXG:003USD1/REH	Serial No. 10/047,251
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant J. Brian Windsor et al.	
		Filing Date: January 14, 2002	Group: Unknown
U.S. Patent Documents See Page 1		Foreign Patent Documents See Page 1	Other Art See Page 1

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### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C13	Meghji <i>et al.</i> , "Inhibition of extracellular ATP degradation in endothelial cells," <i>Life Sci.</i> , 57:763-771, 1995.
	C14	Pietkiewicz <i>et al.</i> , <i>Proc. Amer. Assoc. Canc. Res.</i> , 39:1166.
	C15	Schweibert, <i>Cell</i> , 81:1063-1073, 1995.
	C16	Still <i>et al.</i> , "The inactivation by concanavalin A of the Ecto-ATPase and Ectoacetylcholinesterase of intact skeletal muscles," <i>Biochem. Cell Biol.</i> , 64:1272-80, 1986.
	C17	Tikhaya <i>et al.</i> , "Ecto-ATPase (nucleotidase) in vitro activity in sterile isolated roots," <i>Fiziologiya Rastenii</i> , Moscow (in Russian), Vol. 42, pp. 821-827, 1995.
	C18	Thomas <i>et al.</i> , <i>Amer. Soc. Plnt. Physiologists</i> (abstract) #649, 1998.
	C19	Ujhazy <i>et al.</i> , <i>Int. Cancer</i> , 59:83-93, 1994.
	C20	Ujhazy <i>et al.</i> , <i>Int. J. Cancer</i> , 68:493-500, 1996.
	C21	Valenzuela <i>et al.</i> , "Comparative subcellular distribution of apyrase from animal and plant sources. Characterization of microsomal apyrase," <i>Comp. Biochem. Physiol., B: Comp. Biochem.</i> , 93B:911-919, Chem. Absrt., 111:210870, 1989.
	C22	Viola <i>et al.</i> , "Identification of an enzyme in protein extracts of potato ( <i>Solanum Tuberosum L.</i> ) tubers which interferes with the assay of fructokinase and other enzymes requiring phosphorylated nucleosides," <i>Plant Sci.</i> , 132:127-137, 1998.
	C23	Wadkins and Roepe, <i>International Review of Cytology</i> , 171:121-165, 1997.
	C24	Weiner <i>et al.</i> , <i>J. Biol. Chem.</i> , 261:4529-4534, 1986.

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